

TIME (IEC time)

Description

The contents of an operand of the data type TIME is interpreted as milliseconds. The representation contains information for days (d), hours (h), minutes (m), seconds (s) and milliseconds (ms).

The following table shows the properties of data type TIME:

Length (bits)	Format	Value range	Examples of value input
32	Signed duration	T#-24d_20h_31m_23s_648ms to T#+24d_20h_31m_23s_647ms	T#10d_20h_30m_20s_630ms, TIME#10d_20h_30m_20s_630ms

It is not necessary to specify all time units. T#5h10s is a valid entry, for example. If only one unit is specified, the absolute value of days, hours, and minutes must not exceed the high or low limits. When more than one time unit is specified, the value must not exceed 24 days, 23 hours, 59 minutes, 59 seconds or 999 milliseconds.

See also

[Overview of the valid data types](#)

[Basics of constants](#)

[Data type conversion for S7-1200 \(S7-1200\)](#)